

Amendments to the Claims:

No amendments are made to the claims. This listing of claims, though not required, is provided for convenience and will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-17. (Cancelled)

18. (Previously Presented) A system for regulating a heat balance of a vehicle, said vehicle comprising:

- a passenger compartment,
- an engine, said engine comprising a cylinder head and engine block,
- a coolant circuit for dissipating heat generated in said engine, said coolant circuit

comprising: at least one coolant pump for circulating a coolant through said coolant circuit, a cooling circuit for cooling said coolant in a cooler by ambient air and a heating circuit for heating said passenger compartment with said coolant,

- a heat exchanger (20), said heat exchanger (20) being a source of waste heat, said heat exchanger (20) being operatively associated with an air conditioner of said vehicle,

- means for transferring said waste heat from said heat exchanger (20) to said coolant in said coolant circuit,

- said at least one coolant pump for pumping said coolant directly into said cylinder head and engine block and then into said heating circuit during engine warm-up.

19-20. (Cancelled)

21. (Previously Presented) The system according to claim 18, wherein the coolant circuit further comprises a bypass line (44) for bypassing said heat exchanger (20).

22. (Previously Presented) The system according to claim 18, wherein said heating circuit comprises an auxiliary heating device for transferring waste heat from said heating device to said coolant in said heating circuit.

23. (Previously Presented) The system according to claim 18, said coolant circuit further comprising:

- a main coolant pump,

wherein said at least one coolant pump for pumping said coolant directly into said cylinder head and then into said heating circuit during engine warm-up is a supplementary coolant pump.

24. (Previously Presented) A method for regulating a heat balance of a vehicle, said vehicle including

- a passenger compartment,
- an engine, said engine including a cylinder head and engine block,
- a coolant circuit for dissipating heat generated in said engine, said coolant circuit

including at least one coolant pump for circulating a coolant through said coolant circuit, a cooling circuit for cooling said coolant in a cooler by ambient air and a heating circuit for heating said passenger compartment with said coolant,

- a heat exchanger (20), said heat exchanger (20) being a source of waste heat, the heat exchanger (20) being operatively associated with an air conditioner of the vehicle, said method comprising:

transferring said waste heat from said heat exchanger (20) to said coolant in said coolant circuit, and

during engine warm-up, pumping said coolant in said coolant circuit directly into said cylinder head and engine block and then into said heating circuit.

25. (Previously Presented) The method according to claim 24, said coolant circuit further including

- a main coolant pump,

during engine warm-up, pumping said coolant in said coolant circuit by a supplementary coolant pump directly into said cylinder head and then into said heating circuit, in particular in the case of said main coolant pump being inactive.